

# \*RETURN TO FMF - LOCATION 7540

PRE-EDIT

QUERY CONTROL FORM			RTIS USE ONLY	
Application No. <u>10 029 221</u>	Prepared by <u>AMW</u>	Tracking Number <u>X</u>		
Examiner-GAU <u>H. T. PARK</u>	Date <u>5-21-84</u>	Week Date <u>X</u>		
<u>- 1648</u>	No. of queries <u>2101</u>			

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
<input checked="" type="checkbox"/> c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	
a. Page Missing	MESSAGE <u>① ILLEGIBLE TEXT in table on page 141: Please supply a replacement page 141.</u>
b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
<input checked="" type="checkbox"/> e. Illegible Text	<del><u>② CONTINUING DATA on bib sheet matches that on spec. (per Amitt of 04-04-82) page 1, lines 6-28, but the 2 subsequent paragraphs cite additional data not appearing in PALM bib database for this appl. (Please see page 1, line 30 through page 2, line 12.) Please reconcile.</u></del>
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
THANK YOU.	
initials <u>AMW</u>	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
RESPONSE	
initials	

## Exonucleases

Enzyme Name (example)	Source	Activity	Strand	End
Exonuclease I	Commercial source (e.g., Calbiochem)	Exonuclease	5'	3'
Exonuclease II	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease III	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease IV	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease V	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease VI	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease VII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease VIII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease IX	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease X	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XI	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XIII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XIV	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XV	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XVI	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XVII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XVIII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XIX	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XX	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXI	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXIII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXIV	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXV	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXVI	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXVII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXVIII	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXIX	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'
Exonuclease XXX	Commercial source (e.g., Calbiochem)	Exonuclease	3'	5'

- a. Stratagene
- b. Promega
- c. Epicenter
- d. Roche
- e. Kong, H.M., Kucera, R.B., and Jack, W.E., (1993) *J. Biol. Chem.* 268, 1965-1975.
- f. McClure, W.R. and Jovin, T.M., (1975) *J. Biol. Chem.* 250, 4073-4080.
- g. Polesky A.H., Steitz, T.A., Grindley, N.D.F. and Joyce, C.M., (1990) *J. Biol. Chem.* 265, 14579-14591.
- h. Gillin, F.D. and Nossal, N.G., (1975) *Biochem. Biophys. Res. Commun.* 64, 457-464.
- i. Patel, S.S., Wong, E. and Johnson, K.A., (1991) *Biochemistry* 30, 511-525.
- k. exhibits some double-stranded exonuclease activity from both ends at higher concentrations of enzyme
- m. exhibits some double-stranded exonuclease activity at higher concentrations of enzyme

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